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AMENDMENTS TO THE CLAIMS

Please cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims 22-102 indicated as cancelled.

- 1. (Original) A method of treating a subject suffering from breast cancer, comprising the step of administering to said subject an Androgen Receptor Antagonist, in an amount effective to treat breast cancer in said subject.
- 2. (Original) The method according to claim 1, comprising administering an an analog, derivative, isomer, metabolite, pharmaceutically acceptable salt, pharmaceutical product, hydrate, N-oxide, crystal, polymorph or prodrug of said Androgen Receptor Antagonist, or any combination thereof.
- 3. (Original) The method of claim 1, wherein said Androgen Receptor Antagonist is an alkylating agent.
- 4. (Original) The method of claim 1, wherein said Androgen Receptor Antagonist is an alkylating agent which binds irreversibly to an androgen receptor.
- 5. (Original) The method according to claim 1, wherein said Androgen Receptor Antagonist is represented by the structure of formula I:

$$(R_3)_m$$
 Z
 NH
 G
 I
 $(R_2)_n$
 Q

X is a bond, O, CH₂, NH, S, Se, PR, NO or NR;

G is O or S;

T is OH, OR, -NHCOCH₃, or NHCOR;

R is alkyl, haloalkyl, dihaloalkyl, trihaloalkyl, CH₂F, CHF₂, CF₃,

CF₂CF₃, aryl, phenyl, halogen, alkenyl or OH;

R₁ is CH₃, CH₂F, CHF₂, CF₃, CH₂CH₃, or CF₂CF₃;

R₂ is F, Cl, Br, I, CH₃, CF₃, OH, CN, NO₂, NHCOCH₃, NHCOCF₃, NHCOR, alkyl, arylalkyl, OR, NH₂, NHR, NR₂, SR;

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R₃ is F, Cl, Br, I, CN, NO₂, COR, COOH, CONHR, CF₃, SnR₃, or R₃ together with the benzene ring to which it is attached forms a fused ring system represented by the structure:

Z is NO₂, CN, COR, COOH, or CONHR; Y is CF₃, F, Br, Cl, I, CN, or SnR₃; Q is SCN, NCS, OCN, or NCO; n is an integer of 1-4; and m is an integer of 1-3.

- 6. (Original) The method of claim 5, wherein G is O, T is OH, R1 is CH3, X is O, Z is NO2, Y is CF3, and Q is NCS.
- 7. (Original) The method according to claim 1, wherein said Androgen Receptor Antagonist is represented by the structure of formula II.

$$A \xrightarrow{NH} G X X B$$

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wherein

X is a bond, O, CH₂, NH, S, Se, PR, NO or NR;

G is O or S;

R₁ is CH₃, CH₂F, CHF₂, CF₃, CH₂CH₃, or CF₂CF₃;

T is OH, OR, -NHCOCH₃, or NHCOR;

R is alkyl, haloalkyl, dihaloalkyl, trihaloalkyl, CH₂F, CHF₂, CF₃,

CF₂CF₃, aryl, phenyl, halogen, alkenyl or OH;

A is a ring selected from:

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B is a ring selected from:

$$Q_{2} \qquad Q_{1} \qquad Q_{2} \qquad Q_{2} \qquad Q_{1} \qquad Q_{2} \qquad Q_{2$$

wherein A and B cannot simultaneously be a benzene ring;

Z is NO2, CN, COOH, COR, NHCOR or CONHR;

Y is CF₃, F, I, Br, Cl, CN CR₃ or SnR₃;

Q₁ is NCS, SCN, NCO or OCN;

Q₂ is a hydrogen, alkyl, halogen, CF₃, CN CR₃, SnR₃, NR₂, NHCOCH₃, NHCOCF₃, NHCOR, NHCONHR, NHCOOR, OCONHR, CONHR, NHCSCH₃, NHCSCF₃, NHCSR NHSO₂CH₃, NHSO₂R, OR, COR, OCOR, OSO₂R, SO₂R, SR,

$$\begin{array}{c|c} -HN & W_1 & -HN & W_1 \\ \hline & Q_4 & \text{or} & W_2 & Q_3 \end{array}$$

Q₃ and Q₄ are independently of each other a hydrogen, alkyl, halogen, CF₃, CN CR₃, SnR₃, NR₂, NHCOCH₃, NHCOCF₃, NHCOR, NHCONHR, NHCOOR, OCONHR, CONHR, NHCSCH₃, NHCSCF₃, NHCSR NHSO₂CH₃, NHSO₂R, OR, COR, OCOR, OSO₂R, SO₂R or SR;

W₁ is O, NH, NR, NO or S; and W₂ is N or NO.

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8. (Original) The method according to claim 7, wherein G is O, T is OH, R1 is CH3, X is O, Z is NO2, Y is CF3, and Q1 is NCS.

9. (Original) The method according to claim 1, wherein said Androgen Receptor Antagonist is represented by the structure of formula III.

$$Z$$
 NH
 R_1
 T
 III

wherein

X is a bond, O, CH₂, NH, S, Se, PR, NO or NR;

G is O or S;

T is OH, OR, -NHCOCH₃, or NHCOR

Z is NO2, CN, COOH, COR, NHCOR or CONHR;

Y is CF₃, F, I, Br, Cl, CN, CR₃ or SnR₃;

Q is SCN, NCS, OCN, or NCO;

R is alkyl, haloalkyl, dihaloalkyl, trihaloalkyl, CH₂F, CHF₂, CF₃,

CF₂CF₃, aryl, phenyl, halogen, alkenyl or OH; and

R₁ is CH₃, CH₂F, CHF₂, CF₃, CH₂CH₃, or CF₂CF₃.

- 10. (Original) The method according to claim 9, wherein G is O, T is OH, R1 is CH3, X is O, Z is NO2, Y is CF3, and Q is NCS.
- 11. (Original) The method according to claim 1, wherein said Androgen Receptor Antagonist is represented by the structure of formula IV:

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wherein X is a bond, O, CH₂, NH, S, Se, PR, NO or NR;

Z is NO2, CN, COOH, COR, NHCOR or CONHR;

Y is CF₃, F, I, Br, Cl, CN, CR₃ or SnR₃;

Q is SCN, NCS, OCN, or NCO; and

R is alkyl, haloalkyl, dihaloalkyl, trihaloalkyl, CH₂F, CHF₂, CF₃,

CF₂CF₃, aryl, phenyl, halogen, alkenyl or OH.

12. (Original) The method according to claim 1, wherein said Androgen Receptor Antagonist is represented by the structure of formula V:

V

- 13. (Original) The method according to claim 1, wherein said subject is a female subject.
- 14. (Original) The method according to claim 1, wherein said subject is a male subject.
- 15. (Original) The method according to claim 1, wherein said administering comprises administering a pharmaceutical preparation comprising said Androgen Receptor Antagonist and/or its analog, derivative, isomer, metabolite, pharmaceutically acceptable salt, pharmaceutical product, hydrate, N-oxide, crystal, polymorph, prodrug or any combination thereof; and a pharmaceutically acceptable carrier.
- 16. (Original) The method according to claim 15, wherein said administering comprises intravenously, intra-arterially, or intramuscularly injecting to said subject said pharmaceutical preparation in liquid form; subcutaneously implanting in said subject a pellet containing said pharmaceutical preparation; orally administering to said subject said pharmaceutical preparation in a liquid or solid form; or topically applying to the skin surface of said subject said pharmaceutical preparation.

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(Original) The method according to claim 15, wherein said pharmaceutical preparation 17.

is a pellet, a tablet, a capsule, a solution, a suspension, an emulsion, an elixir, a gel, a

cream, a suppository or a parenteral formulation.

(Original) A method of preventing, suppressing, inhibiting or reducing the incidence of 18.

breast cancer in a subject, comprising the step of administering to said subject an Androgen

Receptor Antagonist, in an amount effective to prevent, suppress, inhibit or reduce the

incidence of breast cancer in said subject.

(Original) The method according to claim 18, comprising administering an an analog,

derivative, isomer, metabolite, pharmaceutically acceptable salt, pharmaceutical product,

hydrate, N-oxide, crystal, polymorph or prodrug of said Androgen Receptor Antagonist, or

any combination thereof.

(Original) The method of claim 18, wherein said Androgen Receptor Antagonist is an

alkylating agent.

(Original) The method of claim 18, wherein said Androgen Receptor Antagonist is an

alkylating agent which binds irreversibly to an androgen receptor

Claims 22-102 (Canceled)